What is the achievement target for this assessment? At least 70% (do not change it) of students complete the task successfully (achieve at an average or above average level).

How many students were assessed? 30

Who was primarily responsible for this assessment? Irene Bruno

Where did this assessment take place? Indicate the course and/or milestone (internship, exit interview, qualifying exam, thesis/dissertation defense, etc.). IT102 student exemplars

How was achievement of the student learning outcome measured? Discuss what work/assignment(s) was/were assessed and describe the instrument (rubric, etc.) or criteria (scoring sheet, exam answer key, etc.) that was used to measure learning.

Findings: What are the results of the assessment of this student learning outcome? Results: In the Fall 2019 semester, 66% of the students achieved at an above average level on this assessment 13% of the students achieved at an average level on this assessment 13% of the students achieved at an below average level on this assessment 8% of the students achieved at an unacceptable level on this assessment

Analysis of Results: Based on the results for this student learning outcome assessment, what are the major conclusions? Describe the strengths and or challenges in your program that impact these results. Be sure to note areas that will require special/continued attention.

The Performance Indicator for Student Outcome 2 was met; At least 79% of students complete the task successfully (achieve at an average or above average level).

Supporting Documentation (Attach rubrics, scoring sheets, or exam questions) ABETMeetingMinutes_Fall2019.docx

Semester Change Reason: Decision Approved / Made bySpring 2018Lecture Materials changed to include a more consistent application of the four-column function table used throughout the courseStudent overall performance on the assessments regarding functions has improved with the use of function tablesIrene Bruno and all IT102 instructors

Change Reason: Decision Approved / Made byFall 2018Changed to Third Edition of textErrors in Second Edition were addressed and additional support for function tables provided in the Third EditionIrene Bruno

Response: Returning to the original textbook because the Third Edition was preferred by the students

Supporting Documentation Included: Fall2019_IT102StudentOutcomeAssessmentReport.docx

Next Steps: If plan is approved, complete the following: Make the changes. Since the last assessment cycle, what improvements have been made to increase student achievement of this outcome? Improvements may include new assessment plans, processes, instruments, assignments, faculty training and or curricular changes.

No improvements made.

Analysis of Results: Based on the results for this student learning outcome assessment, what are the major conclusions? Describe the strengths and or challenges in your program that impact these results. Be sure to note areas that will require special/continued attention.

The Performance Threshold for Student Outcome 2 was met; At least 79% of students complete the task successfully (achieve at an average or above average level).

Supporting Documentation (Attach rubrics, scoring sheets, or exam questions) ABETMeetingMinutes_Fall2019.docx

No improvements made.

Supporting Documentation Included: Fall2019_IT102StudentOutcomeAssessmentReport.docx

Improvement Plans/Actions (Supporting Documentation Included) ABETMeetingMinutes_Fall2019.docx
Findings: What are the results of the assessment of this student learning outcome?

Results: In the Fall 2019 semester, 40% of the students achieved at an above average level on this assessment 30% of the students achieved at an average level on this assessment 21% of the students achieved at an below average level on this assessment 19% of the students achieved at an unacceptable level on this assessment.

The Performance Threshold for Student Outcome 3 was met; At least 70% of students complete the task successfully (achieve at an average or above average level).

Since the last assessment cycle, what improvements have been made to increase student achievement of this outcome? Improvements may include new assessment plans, processes, instruments, assignments, faculty training and or curricular changes.

SemesterChangeReasonDecision Approved / Made byFall 2019Piloted new case studiesTo apply concepts to real world scenarios Dr. SangheraSpring 2018 Replaced introduction to programming hands-on activity from Java by PythonTo keep it simple for students so it’s easier for them to grasp core concepts and not struggle with OO in a 100 level introduction to computing coursesDr. Sanghera

Findings: What are the results of the assessment of this student learning outcome?

Results: In the Fall 2019 semester, 35% of the students achieved at an above average level on this assessment 45% of the students achieved at an average level on this assessment 10% of the students achieved at an below average level on this assessment 10% of the students achieved at an unacceptable level on this assessment.

The Performance Threshold for Student Outcome 4 was met; At least 80% of students complete the task successfully (achieve at an average or above average level).

Since the last assessment cycle, what improvements have been made to increase student achievement of this outcome? Improvements may include new assessment plans, processes, instruments, assignments, faculty training and or curricular changes.

Results: In the Fall 2019 semester, 35% of the students achieved at an above average level on this assessment 45% of the students achieved at an average level on this assessment 10% of the students achieved at an below average level on this assessment 10% of the students achieved at an unacceptable level on this assessment.

Analysis of Results: Based on the results for this student learning outcome assessment, what are the major conclusions? Describe the strengths and or challenges in your program that impact these results. Be sure to note areas that will require special/continued attention.

Project part 1: Research Paper - Students are required to research on a topic related to IT field focusing on its impact on security, ethical, legal, and social issues.

Findings: What are the results of the assessment of this student learning outcome?

Results: In the Fall 2019 semester, 35% of the students achieved at an above average level on this assessment 45% of the students achieved at an average level on this assessment 10% of the students achieved at an below average level on this assessment 10% of the students achieved at an unacceptable level on this assessment.

Analysis of Results: Based on the results for this student learning outcome assessment, what are the major conclusions? Describe the strengths and or challenges in your program that impact these results. Be sure to note areas that will require special/continued attention.

Findings: What are the results of the assessment of this student learning outcome?

Findings: What are the results of the assessment of this student learning outcome?
Who is primarily responsible for the improvement plan?
Setareh Rafatirad

What is the target date for implementation?
05/30/2020

Findings
Findings: What are the results of the assessment of this student learning outcome?
Results: In the Fall 2019 semester, 65% of the students achieved at an above average level on this assessment. 21% of the students achieved at an average level on this assessment. 8% of the students achieved at a below average level on this assessment. 6% of the students achieved at an unacceptable level on this assessment.

Analysis of Results: Based on the results for this student learning outcome assessment, what are the major conclusions? Describe the strengths and or challenges in your program that impact these results. Be sure to note areas that will require special/continued attention.
The Performance Threshold for Student Outcome 5 was met; at least unknown % of students complete the task successfully (achieve at an average or above average level).

Improvement Plans/Actions
RESPONSE REQUIRED: How will these findings be used to improve student learning and achievement of this outcome?
The Performance Indicators for Student Outcome 5 was worded appropriately, but there should be a different PI and Student Exemplars for each SO. The Performance Threshold for Student Outcome 5 was met; at least unknown % of students complete the task successfully (achieve at an average or above average level).

Changes to be made based on the findings (OPTIONAL):
Other

Additional Information
What resources will be needed to make the planned improvement(s)?
1. Updated IT105 SOAR and Student Exemplars (for each SO) will be uploaded.
2. Upload the Solution file for Assignment 6-Q3.

Who is primarily responsible for the improvement plan?
Setareh Rafatirad

What is the target date for implementation?
05/30/2020